

Cohen, Amy

From: Bennett, James
Sent: Tuesday, February 06, 2018 5:50 PM
To: Duchovnay, Andrew; Cohen, Amy; Riccio, Roberta
Subject: Fwd: GW Flow and Limited Analytical Data for the Frame Farm
Attachments: Frame Farm Map PDR.pdf; ATT00001.htm;
MountaireFarmsSludge&SprayFieldsNov17wTMP.pdf; ATT00002.htm

Begin forwarded message:

From: "Venables, Blair (DNREC)" <Blair.Venables@state.de.us>
To: "Bennett, James" <bennett.james@epa.gov>
Cc: "Smailer, Steven M. (DNREC)" <Steven.Smailer@state.de.us>
Subject: GW Flow and Limited Analytical Data for the Frame Farm

Hi Jim:

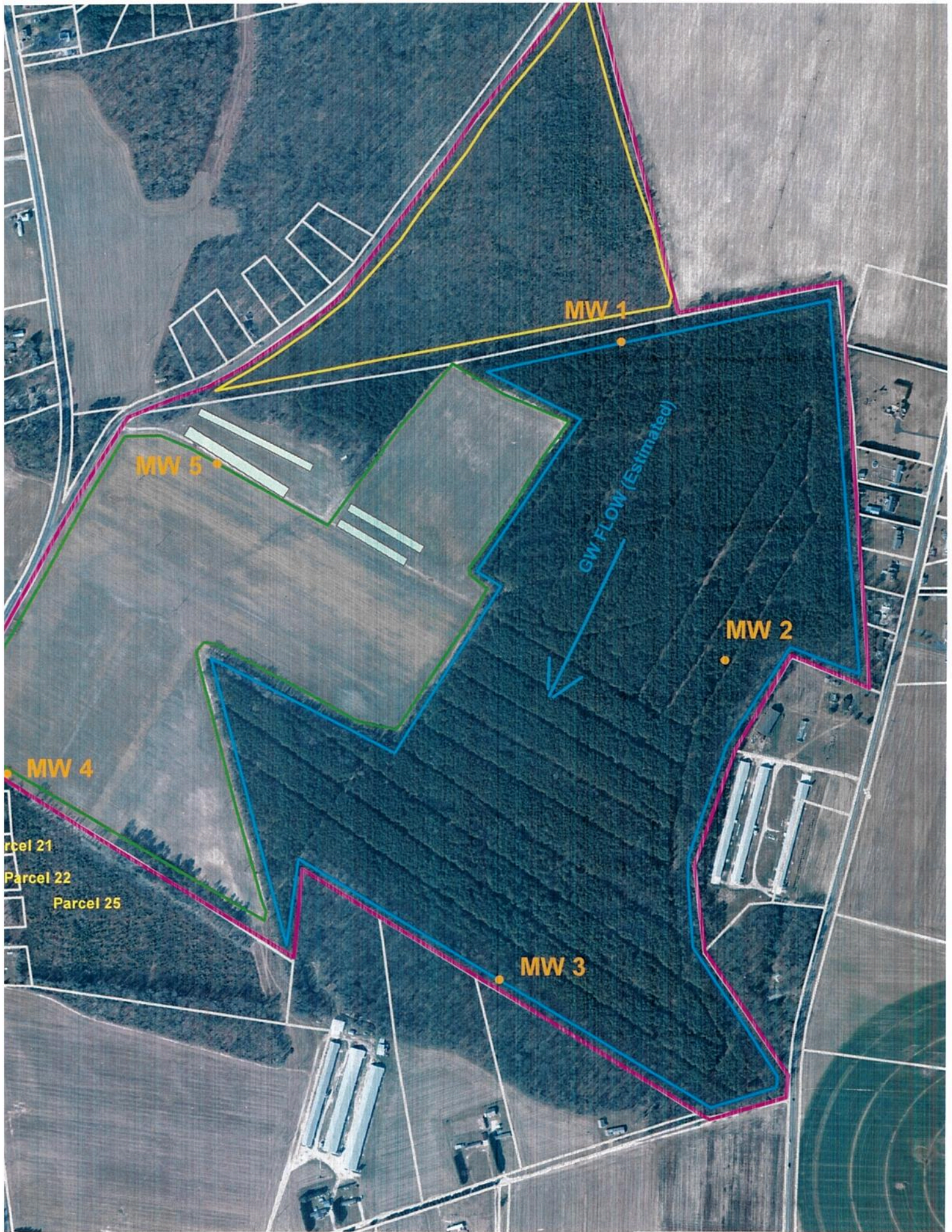
Attached is a general GW flow map for the Mountaire area and a site map for the Frame Farm Sludge Facility. The most recent GW data that I've been able to obtain regarding the Frame Farm so far is the 12/27/15 sampling round conducted in the facility's MWs. Downgradient MW's 4 and 3 produced samples with nitrate concentrations of 12.7 and 9.3 mg/L respectively. MW 4 lies downgradient of a farm field where sludge is applied and MW 3 is downgradient of a tree farm where sludge is applied. Upgradient MW 1 contained GW with a nitrate concentration of 10.4 mg/L on the aforementioned sampling round. Brian Churchill with the Surface Water Section said that sludge was last applied sometime in 2017 to a small portion of the Farm Field.

I think this is the gist of the info that you were looking for. If you have questions feel free to email or call me. Later.

Blair Venables P.G.
HydroGeologist

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